



Anchorage School District

Educating All Students for Success in Life



Emergency Preparedness Project

*Anchorage School District Emergency Preparedness
Presented to the Alaska Seismic Hazards Safety
Commission
December 5, 2006*

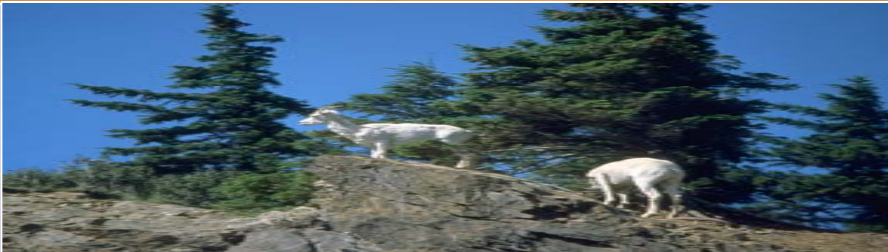
George Vakalis



Anchorage School District
Educating All Students for Success in Life



Anchorage School District, Carol Comeau, Superintendent
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Department of Security
and Emergency
Preparedness



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Director
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Anchorage School District
Educating All Students for Success in Life

Anchorage, Alaska



Anchorage, Alaska



- Population: 260,000
- 95 Schools
- 50,000 Students
- 6,000 Employees



Profile:

- International Air Crossroads
- Tourist Destination
- Center for Goods and Services
- Seaport and Railway Hub
- Military Bases

Hazards:

- Earthquake
- Wildfire
- Avalanche
- Man Made Disasters





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Emergency Preparedness Study, March 2003



Project Objectives



- 21 school shelters
- Housing for 21,000 students and staff
- Operate without city services
- Operate for 72 hours without additional fuel or septic services



Shelter Map



Shelter Sites



8 High Schools

- Chugiak
- Eagle River
- Bartlett
- East
- West
- Dimond
- Service
- South



Shelter Sites



7 Middle Schools

- Goldenview
- Gruening
- Hanshew
- Mears
- Romig
- Wendler
- Clark (temporary substitute for Muldoon, now under construction)



Shelter Sites



6 Elementary Schools

- Girdwood
- Russian Jack
- Scenic Park
- Trailside
- Tyson
- Willow Crest



Project Components - School Shelters



- Power production
 - Generators
 - Electrical system upgrades
- Heat
 - Dual fuel boilers
- Diesel fuel storage for generators and boilers
- Disaster supplies
 - Container
 - Slab
 - Spider
- Septic vault



Shelter Supplies



- 7,500 trash bags
- 22 cases paper products
- 54 boxes cleaning agents
- 6 trash cans
- 12 portable toilets
- 6 brushes and brooms
- 1,744 pair gloves
- 2 trauma kits
- 1 case extra gauze
- 10 pathogen cleanup kits
- 2 search and rescue kits
- 1,000 blankets
- 300 sleeping pads
- 100 orange vests
- 3 water coolers
- 1,000 cups
- 2 water pumps
- 12 flashlights
- Miscellaneous supplies (batteries, duct tape, nails, screws, plastic sheeting, extension cords, gas cans, fire extinguishers, hand carts, ladder, work lights, powdered lime)



Project Components - Support Services buildings



- Student Nutrition
 - Water
 - Food
 - CNG
 - Generator

- Maintenance
 - Generator

- Pupil Transportation
 - Generator

- Warehouse
 - Shelf anchoring
 - Generator



Construction Schedule



- ☑ Emergency supply containers: In summer 2005
- ☑ Slabs, septic vaults: 19 done fall 2006
- ☑ Spider: Operational fall 2005
- ☑ Generators and electrical upgrades: 14 completed as of fall 2006
- ☑ Dual fuel boilers: 15 done by fall 2006
- ☑ Water storage, treatment and bottling: Completed summer 2006
- ☑ Remaining support facilities: In by fall 2006



Remaining Work



- Generators, boilers for 5 elementary schools (final design due early 2007)
- Generator/boilers for Service HS and Muldoon MS tied to ongoing construction
- Chugiak HS and Gruening MS pending MEA tariff issue



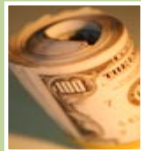
Funding — Almost entirely voter-approved capital



- 2003 Emergency Preparedness bond

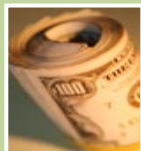
- 2003 Major Maintenance bond

- 2003 School Board (fund balance) appropriation



- 2003 Operations and Maintenance department contributions

- 2004 Major Maintenance bond



- 2004 Operations department contribution



Putting it all Together – Progress since 2003



- New Emergency Action Plans (per AS 14.33.100)
- New equipment
 - Radios
 - Containers
 - Supplies
- Now need to train using new plans and equipment



Training Plans 2006-2008



- Red Cross Shelter Management
- AFD Light Urban SAR
- OEM Building Damage Assessment
- 2006 Department of Education ERCM Grant (with NLETC/NIJ partnership)



Home Preparedness



- We need employees squared away at home so they can return to work
- Red cross and MOA home preparedness guides out and available
- ASD guide out fall 2006

CITIZEN EMERGENCY HANDBOOK

From generation to generation, we have passed on the knowledge of how to survive in a disaster. This handbook is a guide to help you and your family prepare for a disaster. It contains information on how to prepare for a disaster, what to do during a disaster, and how to recover after a disaster. It is a must-have for every household.

WHAT WOULD I DO?

TOGETHER A POWER CHANGE KIT

The time has come to take charge of an independent power subject. Prepare to be on your own without assistance. Put together a Power Change Kit, including the following items, and keep it in an accessible location.

- Battery-operated radio
- Flash batteries
- Candles and matches
- Windup clock
- Flashlight
- First aid kit
- Bottled water
- Canned food

DEDEDADE

HOW TO PREPARE YOUR DISASTER SUPPLIES KIT

CONTAINER OPTIONS

- Large plastic trash containers with lids
- Covered plastic storage bins
- Clipping buckets
- Duffel bags

WATER

- Two for storage and quantity
- Store water in plastic containers such as large size soft drink or water bottles or in five-gallon plastic water jugs
- Avoid using containers that will decompose or leak, such as milk cartons or glass bottles
- Store one gallon of water per person per day
- Keep a liter a liter a liter: the supply of water per person (one quart for drinking, two quarts for washing and one quart for food preparation and sanitation)
- Change your stored water every six months
- Special considerations: Children, nursing mothers, and ill people may need more

FOOD

- Decide on quantity and selection for your entire family
- Store a five-month supply of non-perishable food
- Select foods that require no refrigeration, preparation or cooking, and hold up to water

TOOLS AND SUPPLIES

- Flash kits or paper napkins, plates and plastic utensils
- Emergency preparedness manual
- Batteries for flashlights and other battery-powered devices
- Flashlights and extra batteries
- Cash or traveler's checks
- Change

IMPORTANT PAPERS

Documents to keep in a waterproof bag in your disaster kit:

- Will, insurance policies, and deeds
- Stocks and investment information
- Passports, social security cards, and copies of your driver's license
- Evacuation records & travel route cards
- Bank account numbers and credit card numbers
- Insurance claim numbers
- Family records (birth, marriage, death certificates)

KEEP THESE TIPS IN MIND:

- Keep your kit in a convenient place known to all family members
- Keep your kit in a container close to the trunk of your car
- Keep items in original plastic bags
- Recheck your kit and family needs at least once a year
- Practice behavior, update medications, etc.



Questions

